

Hoosier Heartland Highway – SR 25

INDOT Public Information Meetings

6:00 PM, Tuesday, September 25th, 2007

Faith Community Center

Lafayette, IN

6:00 PM, Wednesday, September 26th, 2007

Delphi High School

Delphi, IN

6:00 PM, Thursday, September 27th, 2007

Lewis-Cass High School

Walton, IN

Hoosier Heartland Highway – SR 25

INDOT Public Contact Information

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317-234-4938

Official Website for the Hoosier Heartland Highway

www.in.gov/dot/projects/sr25study

Hoosier Heartland Highway – SR 25

- **New Four-Lane Divided Rural Highway**
 - ☐ **Start:** I-65 in Tippecanoe County (Lafayette)
 - ☐ **End:** US 24/35 in Cass County (Logansport)
- **Affected Communities:**
 - ☐ **Tippecanoe:** Lafayette, Buck Creek, Colburn, Americus
 - ☐ **Carroll:** Delphi, Rockfield, Burrows
 - ☐ **Cass:** Clymers, Logansport
- **Four Segments / Four Design Consultants:**
 - ☐ **West Segment:** Butler, Fairman & Seufert
 - ☐ **Central Segment:** Bernardin Lochmueller & Associates
 - ☐ **East Segment:** American Structurepoint
 - ☐ **Logansport Segment:** United Consulting
- **Environmental Document is complete.**
- **Public Hearing has been held.**

Hoosier Heartland Highway – SR 25

- Construction will generally be from west to east.
 - ☐ Approximately 10 road contracts.
 - ☐ Approximately 30 bridge contracts.
- Identifying possible accelerated parts:
 - ☐ Areas that have minimal right-of-way / permits / utilities.
 - ☐ Possible 2008 construction if all falls into place.
 - ☐ Worst case should be construction beginning in 2010.
- Construction is anticipated from:
 - ☐ West Segment: 2010 – 2012
 - ☐ Central Segment: 2011 – 2013
 - ☐ East Segment: 2012 – 2014
 - ☐ Logansport Segment: 2013 – 2015
- Formal Construction Schedule finalized Fall 2007.
- Right-of-Way Activities to begin in 2008.

HOOSIER HEARTLAND HIGHWAY

**STATE ROAD 25, SEGMENT 1
FROM I-65 TO 0.5 MILES EAST OF
TIPPECANOE/CARROLL COUNTY LINE**

**INDOT DESIGN CONSULTANT:
BUTLER, FAIRMAN & SEUFERT, INC.
KYLE D. ELLIS, P.E.**

Project Description

- *4 Lane Divided, Limited Access Highway, 80-foot median*
- *Seven Intersections:*
 - Existing SR 25 via connectors at each end
 - CR 500E, CR 450N, CR 750E, CR 900E, CR 700N
- *12 Bridges:*
 - 4 Stream Crossings
 - SR 25 Overpasses - CR 900N, Norfolk Southern, County Line Road
 - Grade Separations - CR 300N, CR 500E, CR 625E, CR 900E, CR 100E
- *County Roads Closed to Through Traffic*
 - CR 400N, CR 600N, CR 600N, CR 800N terminated with cul-de-sac each side

Design Status

- *BFS is responsible for following services*
 - Survey - 100 percent
 - Roadway Design - 60 percent
 - Bridge Design - 55 percent
 - Environmental Permitting - 5 percent
 - ROW Engineering - 10 percent
 - ROW Services - started
- *Geotechnical and Bridge Hydraulics provided by additional firms*
 - Bridge Hydraulics completed
 - Geotechnical is underway

Design Emphasis

- *Connectivity Requires Entire Segment for Productive Use*
- *Design delivery strategy aims to provide expedited implementation*
 - Grade Separations over SR 25 and Norfolk Southern first priority
 - Mainline roadway and bridges from east to west
- *Right of Way Engineering and Land Acquisition*
 - Emphasis to support project delivery objectives
- *Environmental Permitting*
 - Jurisdictional Determination and wetland delineation in progress for the Corps of Engineers, IDEM and DNR

Project Delivery Objectives

- *Design effort is directed to early project delivery*
 - Construction of significant grade separation anticipated to start in 2008
 - Final Construction Phase anticipated to begin in 2010
- *Right of Way Acquisition*
 - The first of more than 100 parcels has been acquired by INDOT
 - Final parcel descriptions are being developed
 - Appraisal efforts anticipated to begin in November
 - Offers to purchase Right of Way anticipated to begin January 2008
- *Utility Relocation*
 - Utilities began relocation study and design in mid June
 - Some major relocation sites have been determined
 - Relocation will generally follow Right of Way acquisition

Project Challenges

- ***Environmental Issues***
 - Bridges at stream crossings designed to minimize impacts
 - Presently one wetland identified in the segment
- ***Utility Relocations***
 - Electrical Substation on CR 500 E
 - 69KV Line in easement along the railroad
 - Two pipeline crossings under SR 25
 - Electrical, telephone, cable and communication lines
- ***Railroad Coordination***
 - Process has been started
 - Need Railroad approval of bridge crossings
- ***Right of Way Acquisition***

HOOSIER HEARTLAND HIGHWAY

STATE ROAD 25, SEGMENT 2

**FROM 0.42 mile east of Tippecanoe/Carroll
County line to 0.20 mile east of CR400W**

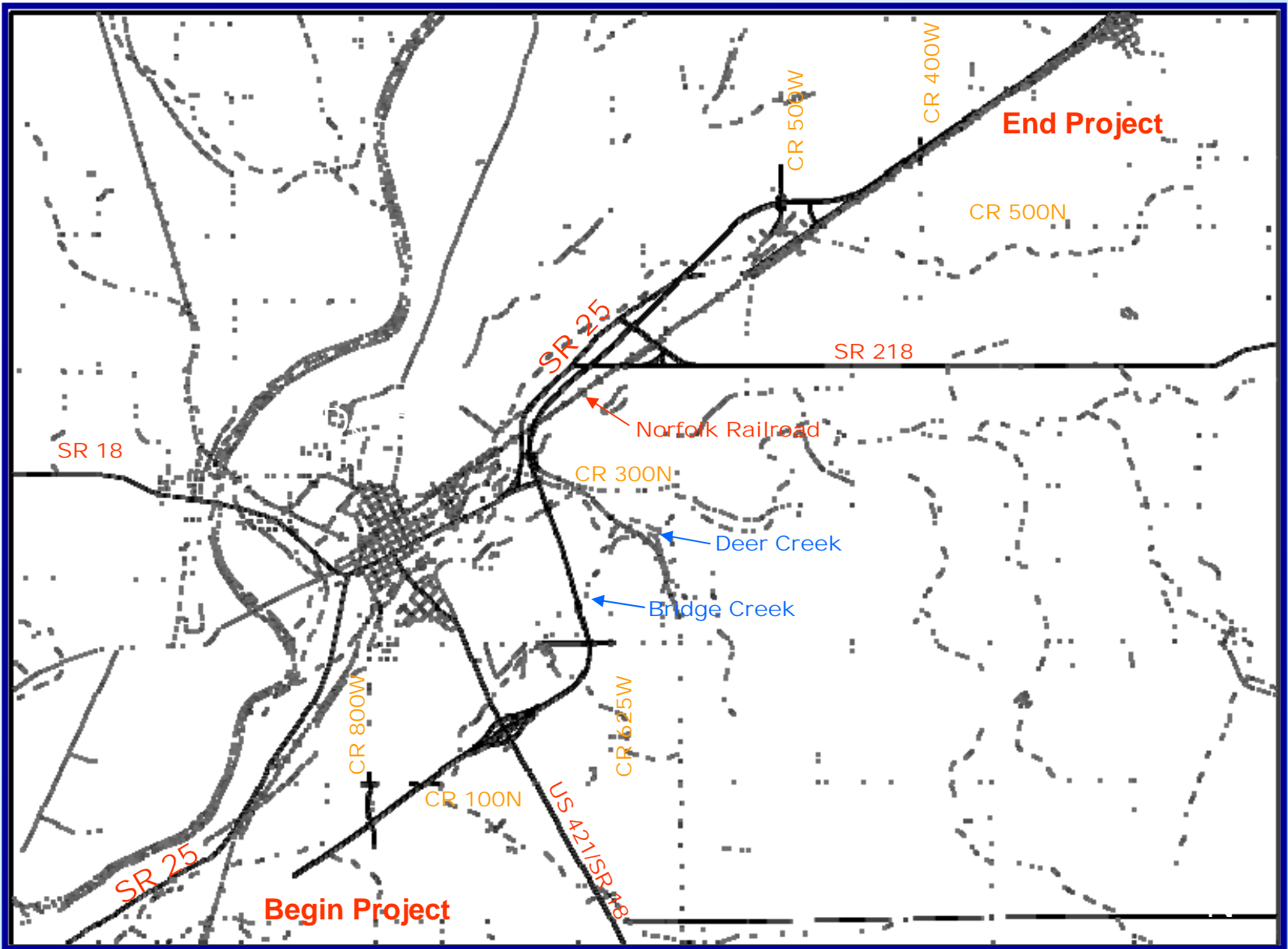
INDOT DESIGN CONSULTANT:

Bernardin Lochmueller & Associates, Inc.

Jeff Whitaker, P.E.

Section 2: Central Segment

- **Project Limits**
 - **Beginning - .42 miles east of Tippecanoe and Carroll County Line**
 - **End - .20 miles east of CR 400 W**
 - **8.46 Total Miles**



Section 2: Central Segment

- **Contracted Work**
 - **Survey**
 - **Road Design**
 - **Bridge Design (7 bridges)**
 - **Signage Design**
 - **Permits/Reports**

Section 2: Central Segment

- **Supplemental Work**
 - **Revise Alignment on HHH (Avoid Environmentally Sensitive Areas)**
 - **Revise Alignment on SR 25 Connector Road (Avoid Environmentally Sensitive Areas)**
 - **Revise Alignment on SR 218 Connector Road (Accommodate Railroad Crossing)**
 - **Additional Interchange at US 421/SR 18**
 - **Environmental Study on Realignment**

Section 2: Central Segment

- **Proposed Supplemental Work**
 - **Utility Coordination**
 - **Right of Way Engineering**

Section 2: Central Segment

- **Current Design Status**
 - **Total Contract - 30% Complete**
 - **Design Work**
 - **Road – 18% Complete**
 - **Bridge – 16% Complete**
 - **Environmental – 14% Complete**
 - **Survey – 100% Complete**

Section 2: Central Segment

- **Work Schedule**
 - Hydraulic Review (April 2007)
 - Road Grade Review (June 2007)
 - SS & T for 6 Bridges (June 2007)
 - SS & T for 1 Bridge (July 2007)
 - Preliminary Field Check of Road & Bridge Plans (December 2007)

Section 2: Central Segment

- **Work Schedule**
 - **Public Information Meeting (Spring 2008)**
 - **Design Approval (Summer 2008)**
 - **R/W Acquisition (2008-2010)**
 - **Preliminary Plans for Final Approval (Fall 2008)**

Section 2: Central Segment

- **Work Schedule**
 - **Final Field Check (Spring 2010)**
 - **Final Check Prints (Spring 2011)**
 - **Final Tracings (Fall 2011)**
 - **Letting of Bids (Spring 2012)**

Section 2: Central Segment

- **Major Challenges**
 - **Alignment Issues Affecting:**
 - **Creek & Ditch Crossings**
 - **Right of Way Cuts**
 - **Environmentally Sensitive Areas**
 - **Deer Creek Valley Rural Historic District**
 - **Context Sensitive Design Solutions**

HOOSIER HEARTLAND HIGHWAY

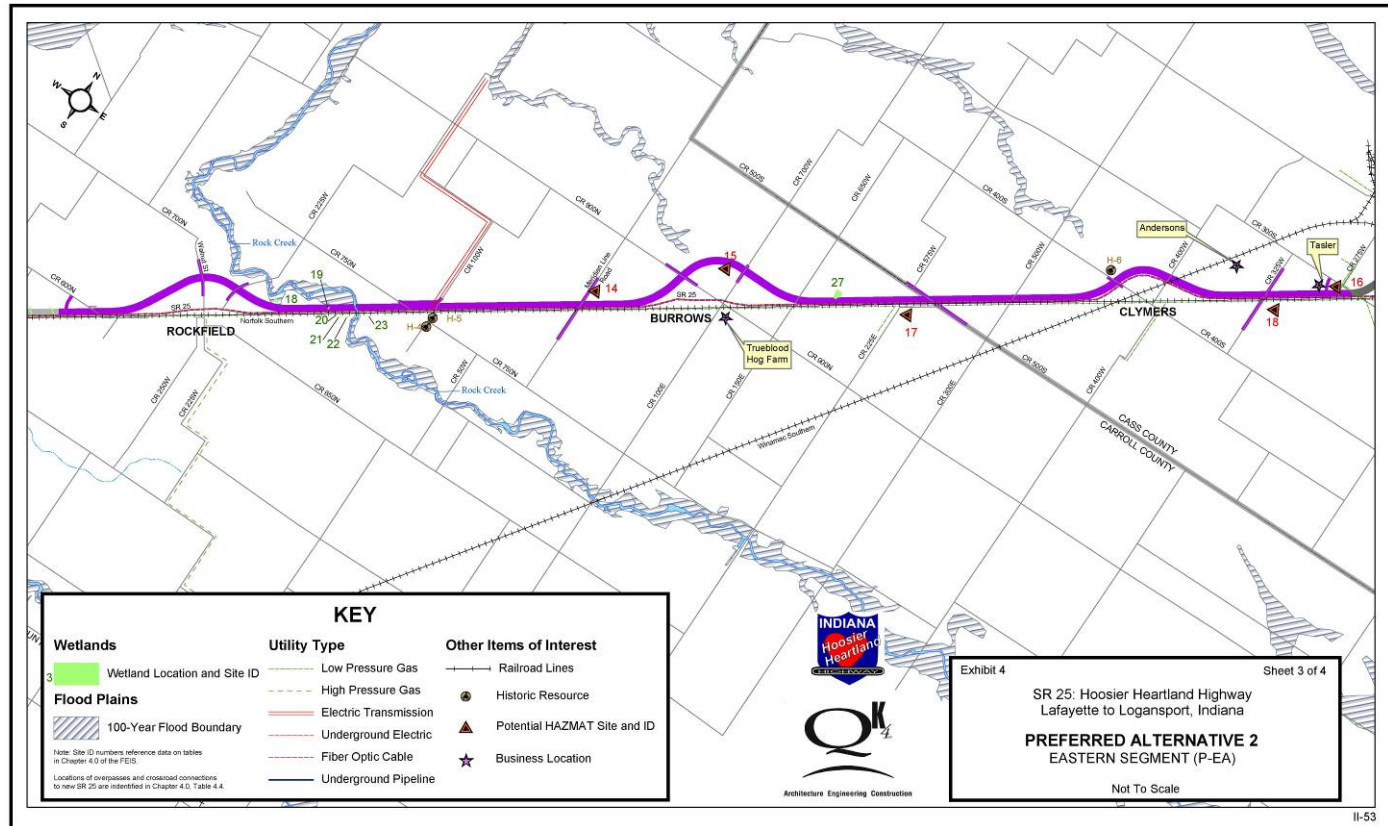
**STATE ROAD 25, SEGMENT 3
FROM 0.20 mile east of CR400W in
Carroll Co. TO 0.61 mile east of
CR325W in Cass Co.**

**INDOT DESIGN CONSULTANT:
American Structurepoint, Inc.
Sam Balog, P.E.**

- Segment 3
 - Approximately 11 miles
 - From Rockfield to Clymers
 - 4 Lane Divided with 80 foot median

- Segment 3
 - 4 County Road Overpasses
 - Walnut Street & Meridian Line Road in Carroll County
 - CR 500S & CR 325W in Cass County
 - 6 At-Grade Intersections
 - CR 600N, CR 225 W, CR 900N & CR 100E in Carroll County
 - CR 400S & CR 300S in Cass County

Project description



SR 25 - Hoosier Heartland

- Design Approximately 60% Complete
- Right-of-Way Limits established
- Utility Coordination to begin November 2007
- Right-of-Way Engineering to begin November 2007

Right-of-Way Impacts

- 70 Parcels Impacted
- 7 Residential Relocations
- 480 Acres of Right-of-Way required
 - 6 Acres Residential
 - 2 Acres Commercial
 - 48 Acres Industrial
 - 424 Acres Agricultural

Project Schedule



- Preliminary Field Check August 09, 2006
- Geotechnical work began November 2006
- R/W Plans December 2006
- Design Approval October 2007
- Final Check Prints 7 Months Prior to Constr.
- Final Plans 4 Months Prior to Constr.

Project Challenges

- Proximity of Adjacent Railroad
- Ethanol Plant in Clymers
- Retaining Walls
- Drainage Issues

Hoosier Heartland Highway

**STATE ROAD 25, SEGMENT 4
FROM 0.61 mile east of CR325W to
US24/US35 Logansport Bypass**

INDOT DESIGN CONSULTANT:

**United Consulting
Allen Egilmez, P.E.**

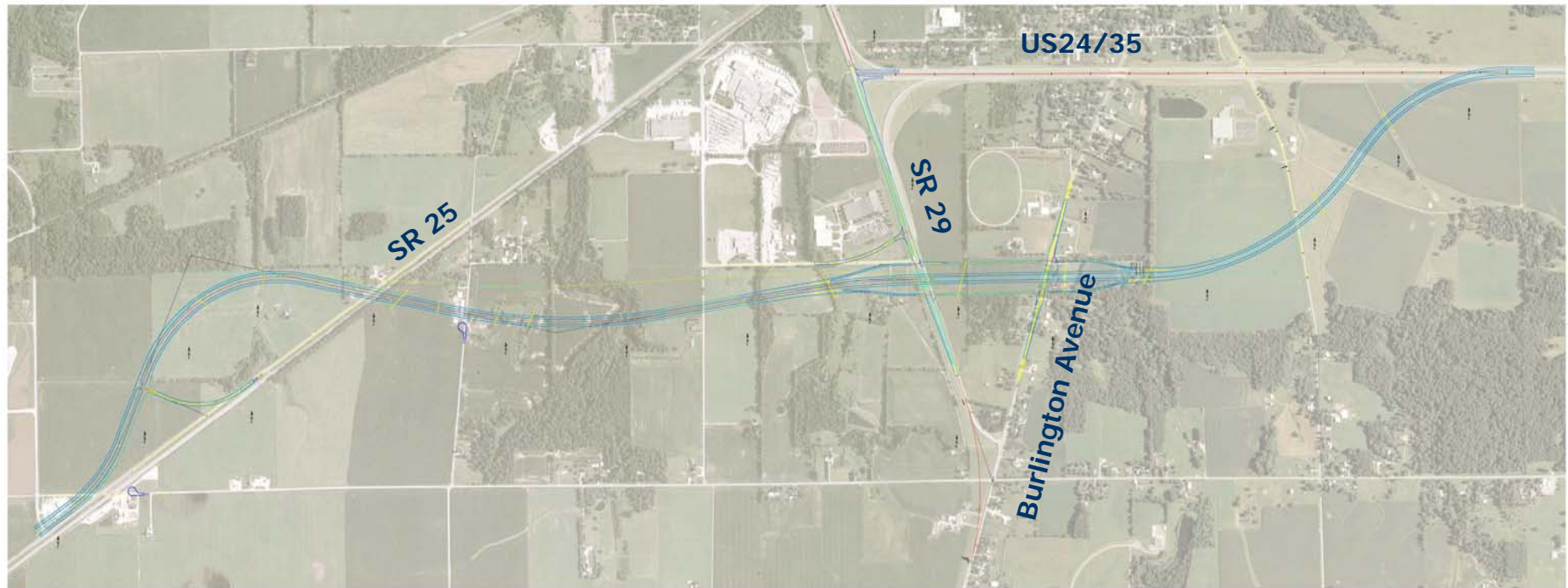
Project Description

- **From SR 25 to US 24/35**
- **4 Lane Divided Highway**
- **60 Foot Median**

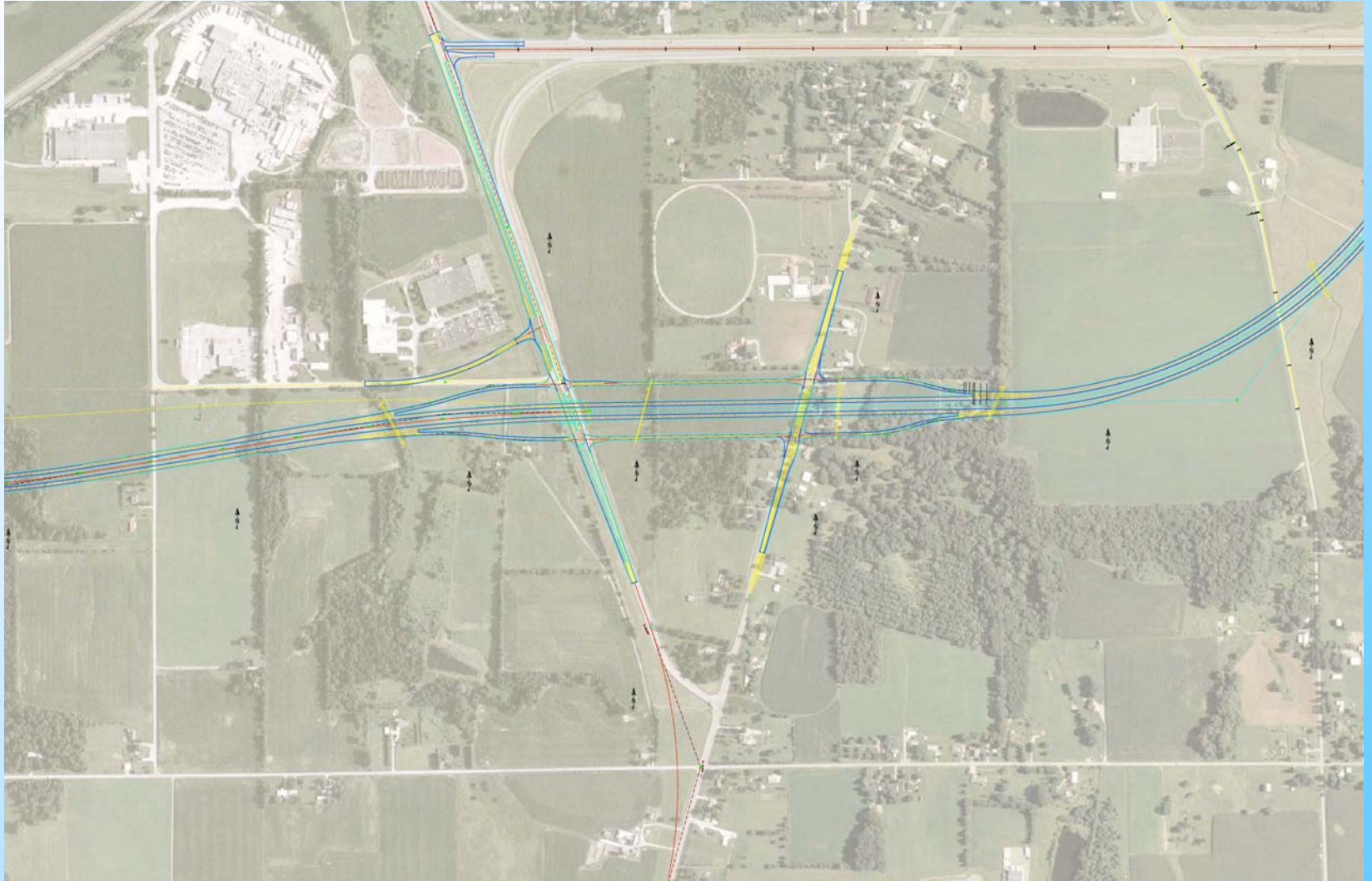
Project Description (cont'd)

- **Split Diamond Interchange – SR 29 & Burlington Avenue**
 - **SR 29 – Extend 4 Lane Section from US 24/35 to Interchange**
 - **Burlington Avenue – 4 Lane at Interchange**
 - **Frontage Roads Connect SR 29 to Burlington Avenue**

Logansport Bypass



Split Diamond Interchange SR 29 & Burlington Avenue



Project Timeline

Start Survey	Aug. 5, 2004
Start Design	June 20, 2005
Interchange Added	Aug. 9, 2005
Scope Mtg. w/INDOT	Aug. 24, 2005
Supplement Submitted	Sept. 23, 2005
Creek Realignment Request	Nov. 1, 2005
Rev'd Alignment Approved	April 26, 2006
Supplement NTP	Aug. 29, 2006

Project Timeline (cont'd)

Additional Survey	Complete
Geometric Design	90% Complete
Final Hydraulic Information	Nov/Dec 2006
Grade Review Submittal	October 2007
Preliminary Field Check	Summer of 2008
Public Information Meeting	Winter/Spring 2009
Start Land Acquisition	Fall 2009
Construction	2013-2014

Project Challenges

- **Split Diamond Interchange**
- **Revised Alignment to Minimize Creek Relocation**